

IN THE SPECIFICATION

Please amend Applicant's substitute specification, of record on January 27, 2005, as follows.

Please replace paragraph [0047] at page 7 with the following amended paragraph:

[0047] The invention also comprises the use of the method according to the invention for producing hydroxyapatite hydroxyapatite as disclosed in claim 11.

Please replace paragraph [0049] at page 7 with the following amended paragraph:

[0049] There is also provided hydroxyapatite hydroxyapatite produced by the method according to the invention and characterised in that it does not contain any allergens and DNA traces, as disclosed in claim 13.

Please replace paragraph [00125] at page 13 with the following amended paragraph:

[00125] The invention also comprises the use of the method according to the invention for producing hydroxyapatite hydroxyapatite, as disclosed in claim 38.

Please replace paragraph [00128] at page 14 with the following amended paragraph:

[00128] Lastly, there is provided hydroxyapatite hydroxyapatite produced by the method according to the invention and characterised in that it does not contain allergens and DNA traces, as disclosed in claim 41.

Please replace paragraph [00154] at page 16 with the following amended paragraph:

[00154] In addition, the method describes the recovery of oils/fat and solids. One of the solids that can be obtained by the method according to the invention is hydroxyapatite hydroxyapatite. Hydroxyapatite Hydroxyapatite is used, for example, in biochromatography and other biological separation processes, in NMR and other detection processes, and is thus a commercially interesting by-product of the process.

Please replace paragraph [00172] at page 18 with the following amended paragraph:

[00172] If the hydrolysate contains bones or other solid particles, these are removed preferably by using a screen device 115; 215. The solid particles, stream F1; F2, can be separated into two or more fractions by means of flotation 116; 216. The heavy fraction 117; 217 consists of bones (hydroxyapatite hydroxyapatite) that can be dried and/or used prior to pH adjustment, cf. stream H1; H2. The light fractions, stream G1; G2, are primarily proteins that are not hydrolysed.

Please replace paragraph [00223] at page 25 with the following amended paragraph:

[0223] 304=Flotation tank for separating proteins and hydroxyapatite hydroxyapatite